



The learning of mathematics is influenced by the curriculum used, the teacher presenting it, the student themselves, and the community around them.

The curriculum must appeal to the student trying to learn it. Content should be appropriate to the age group it is presented to and should increase gradually in difficulty with a clear connection between successive ideas. It should attempt to engage the student by providing examples relevant to the world they understand or to their futures.

The teacher should be comfortable with the subject matter they are presenting and should be prepared for possible problems. Being enthusiastic will help students feel engaged and being patient will help them feel comfortable when struggling with difficult concepts.

Students themselves require a certain amount of prerequisite knowledge and commitment for further learning to take place. Their past experiences with math may influence their initial expectations while their preferred learning style may affect the effectiveness of knowledge retention and understanding.

Peers and parents contribute to the overall atmosphere surrounding learning math. It would be helpful if they offered encouragement or aid when a student is having trouble, or perhaps collaboration to share ideas and concerns.